

PRODUCT APPROVAL CERTIFICATE

DISTRIBUTION CODE REVIEW PANEL
CERTIFIES THAT THE FOLLOWING ITEM/S IS REGISTERED
WITH THE PANEL AS AN APPROVED MATERIAL

Electrical Material Specifications : **33 KV Cables**
Manufacturer : **Nuhas Oman LLC**
Country of Origin : **Oman**
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Contact official: Alok Basu**

Note: This approval letter comprises of four (4) pages in total. Page no: 1 is this covering letter; Page no: 2 comprises of Annexure-A, which elaborates the salient features of the product and Page nos: 3 & 4 comprise of Annexure-B, which contains the list of sub-suppliers of the major individual components.

Manufacturer is hereby informed that no changes shall be permitted in the list of sub-suppliers and salient features of the product, without the written consent of the DCRP. In the event that the manufacturer changes those sub-suppliers and salient features without written consent of the DCRP, the approval shall be suspended, without any further notice.



CHAIRMAN

DISTRIBUTION CODE REVIEW PANEL

Condition: Any defacing or mutilation to this certificate shall render this certificate invalid.

ANNEXURE - A
PRODUCT APPROVAL WORKING GROUP
SALIENT FEATURES OF 33 KV CABLES

MANUFACTURER: M/s NUHAS OMAN LLC, SULTANATE OF OMAN

Sl. No.	Description	Remarks by PAWG
1	Low dielectric loss	Acceptable to PAWG
2	Higher power rating and higher emergency overload rating.	Acceptable to PAWG
3	Superior short circuit rating.	Acceptable to PAWG
4	Much better insulation resistance.	Acceptable to PAWG
5	Higher resistance to moisture.	Acceptable to PAWG
6	Capacity to withstand localized hot spot temperature.	Acceptable to PAWG
7	Resistant to chemicals and corrosive gases, etc.	Acceptable to PAWG
8	Exhibits better properties, such as resistance to vibration, impact, ageing and hot deformation.	Acceptable to PAWG
9	Better Resistance to surge currents.	Acceptable to PAWG
10	Semi-conducting conductor shielding facilitates radial distribution of electric field, thus increasing the life expectancy of the cable to 40+ years.	Acceptable to PAWG
11	The insulation shield helps MV cables to minimise interference with neighbouring communication circuits.	Acceptable to PAWG
12	Metallic screen helps in rapid clearance of fault current, thus development of high level of sheath voltage is controlled.	Acceptable to PAWG

[Handwritten signature]

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